

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kazue Tanaka	Examiner:	Unassigned
Serial No:	Unassigned	Art Unit:	Unassigned
Filed:	Herewith	Docket:	17134
For:	ULTRASONIC OPERATION APPARATUS FOR DETECTING INITIAL RESONANCE FREQUENCY AND FOR SHIFTING TO PLL OPERATION		
		Dated:	November 12, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following reference, which is also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Unexamined Patent Application Publication No. 2002-45368, published February 12, 2002, together with an English-Language Abstract.

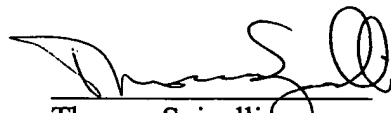
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Dated: November 12, 2003


Thomas Spinelli

Applicant is submitting a copy of the above-cited reference. The relevance of the above-identified reference has been described in the specification.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Thomas Spinelli", with a stylized flourish at the end.

Thomas Spinelli
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE <div style="text-align: center;">LIST OF PRIOR ART CITED BY APPLICANT</div> <p style="text-align: center;"><i>(Use several sheets if necessary)</i></p>				Atty. Docket N . (Optional) 17134		Application Number Unassigned	
				Applicant(s) Kazue Tanaka			
				Filing Date Herewith		Group Art Unit Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
		2002-45368	2/12/02	Japan			
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							